

México - Household Income and Expenditure National Survey 2014 (ENIGH)

**Instituto Nacional de Estadística y Geografía, Dirección General de Estadísticas
Sociodemográficas, Dirección General Adjunta de Encuestas Sociodemográficas y
Registros Administrativos{BR**

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Overview

Identification

ID NUMBER

mex-cghr-enigh-1994-2014-v02

Overview

ABSTRACT

The National Survey of Income and Expenditure Survey (ENIGH), aims; Provide a statistical overview of the performance of revenues and expenditures of households in their amount, origin and distribution. Additionally provides information on occupational and sociodemographic of household members characteristics and the characteristics of the infrastructure of housing and household equipment. The ENIGH is part of the information system of national interest (IIN), this means that results of this project are compulsory for the Federation, the states, the Federal District and municipalities, in order to contribute to national development. this survey provides additionally information on occupational and sociodemographic characteristics of household members, and the characteristics of the infrastructure of housing and household equipment. the ENIGH, with statistics generated contributes to the institutional task of providing the public service of statistical information of national interest. the results of the ENIGH are used for different purposes, among which may be mentioned the following:

- Generation of weights for the implementation of the National Index of Consumer Prices.
- Construction of indicators for the study of poverty.
- Establishment of the Household Account System of National Accounts of Mexico.
- Calculation of statistics on living standards.
- Studies of the behavior of the national economy in the field of household economy and comparative with other countries.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Home, housing and household members

Scope

NOTES

Income Distribution

TOPICS

Topic	Vocabulary	URI
Ingresos de los hogares	Household income Household expenditure Income distribution Income in kind Income transfers received and paid Income or expenditure-based measures of poverty Consumer Protection Consumption patterns Consumer durables Household wealth Household income	
Gastos de los hogares	Household expenditure	
Distribucin de los ingresos	Income distribution	
Ingresos en especie	Income in kind	
Transferencias de ingresos recibidos y pagados	Income transfers received and paid	

Topic	Vocabulary	URI
Los ingresos o medidas basadas en los gastos de la pobreza	Income or expenditure-based measures of poverty	
Protección de los consumidores	Consumer Protection	
Patrones de consumo	Consumption patterns	
Bienes de consumo duraderos	Consumer durables	
Riqueza de los hogares	Household wealth	

KEYWORDS

Ingreso, Gasto, Hogares

Coverage

GEOGRAPHIC COVERAGE

National - Urban area: localities with 2,500 or more inhabitants - rural

Scope: towns with less than 2,500 inhabitants States - Tabasco

UNIVERSE

The survey is aimed at households in the country

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Instituto Nacional de Estadística y Geografía	
Dirección General de Estadísticas Sociodemográficas	
Dirección General Adjunta de Encuestas Sociodemográficas y Registros Administrativos	

FUNDING

Name	Abbreviation	Role
Instituto Nacional de Estadística y Geografía	INEGI	

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Instituto Nacional de Estadística y Geografía	INEGI		
Dirección General de Estadísticas Sociodemográficas	DGES		
Dirección General Adjunta de Encuestas Sociodemográficas y Registros Administrativos	DGAESRA		
Dirección de Encuestas Tradicionales			
Subdirección de Encuestas de Ingresos y Gastos			Documentación de la encuesta y revisión del metadato.
Centre for Global Health Research	CGHR	St. Michael's Hospital; University of Toronto	Metadata producer

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Sampling

Sampling Procedure

Sample design

The sample design for the ENIGH-2014 is characterized by probabilistic. Consequently, the results of the survey are generalized to the entire population. At the same time, the design is two - stage, stratified cluster where the last selection unit is housing and the observation unit is home.

Sample characteristics

The sample design for the ENIGH-2014 is characterized by probabilistic; consequently, the results of the survey are generalized to the entire population. The National Housing Framework 2012 INEGI, built from cartographic and demographic information obtained from the Population and Housing Census 2010 was used for sample selection. This framework is actually a master sample from which samples for all surveys in dwellings made by the INEGI are selected. Its design is probabilistic, stratified, and cluster. Single stage; the latter are also considered primary sampling units, for it is in them that are selected, in subsequent stages, the houses that make up samples from different surveys.

Training of primary sampling units (PSUs)

The primary sampling units are formed by groups of households with different characteristics depending on the area to which they belong, as specified below:

a) in urban high

the minimum size of a PSU is 80 inhabited houses and the maximum is 160. they can be formed by:

- a apple.
- the union of two or more adjacent blocks of the same AGEB.1
- the union of two or more contiguous blocks of different BGSA in the same locality.
- the union of two or more contiguous blocks of different locations belonging to . same size of locality

b) in urban complement the minimum size of a PSU is 160 inhabited houses and the maximum is 300. They may be formed by:

- an apple.
- the union of two or more adjacent blocks of the same BGSA .
- the union of two or more contiguous blocks of different BGSA in the same locality.
- the union of two or more contiguous blocks of different BGSA and localities, but the same municipality

c) in rural the minimum size of a PSU is 160 inhabited houses and the maximum is 300. They can be formed by:

- a census tract.
- part of a census tract.
- the union of two or more adjacent BGSA the same municipality.
- the union of BGAs with a portion of another BGSA adjoining the same municipality.

Stratification

the political division of the country and the creation of differentiated by size localities naturally form a first geographical stratification. in each state three areas (urban high, urban and rural complement), divided distinguished his time in seven areas according to locality size, as follows:

high Urbano

- 01-32 autorepresentadas cities (CA) with 100,000 or more inhabitants
- 02 - Rest of cities with 100,000 or more inhabitants

urban Supplement

- 25 - with 50 000 and 99 999 inhabitants.

35 - from 15 000 to 49 999 inhabitants.

45 - 5 000 to 14 999 inhabitants.

55 - 2 500 to 4999 inhabitants.

Rural

60 - localities under 2 500 inhabitants.

of parallel, in a first stage four strata in which grouped all PSUs in the country were formed, this stratification considers the sociodemographic characteristics of the inhabitants of the houses, as well as the physical characteristics and equipment thereof, expressed by 24 indicators constructed with information from the XII General Census of Population and Housing 2000, for which multivariate statistical methods were used.

in a second stage, each UPM was assigned according to their geographic stratum (entity-field-zone).

in a third stage, within each area and layer (sociodemographic), some of the UPM to a new layering process is subjected for the purpose of having a greater differentiation at that level. For this stratification differentiated level indicators were used. As a result , a total of 888 substrata throughout the national level.

Sample size

To calculate the sample size of the ENIGH-2014 was considered as reference variable the average total current household income and determined a sample nationwide of 21,427 homes.

Deviations from Sample Design

Como resultado de la suma de las 21 427 viviendas seleccionadas y 359 hogares adicionales que fueron encontrados en dichas viviendas, el total ascendió a 21 786 hogares.

Response Rate

Los datos a nivel nacional muestran que en el 89.4% de los casos se obtuvo resultado de entrevista completa, de entre los cuales 72.2% correspondió a entrevista levantada con informante directo; el 3.1% a entrevista levantada con informante indirecto; el 12.9% a entrevista levantada en otra decena con informante directo y el 1.2% a entrevista levantada en otra decena con informante indirecto.

La no respuesta totalizó 10.6%, destacando la no respuesta tipo A que se refiere a viviendas habitadas; las de tipo B que son viviendas deshabitadas y las de tipo C que son viviendas fuera del marco muestral, con una participación de 3.8%, 6.1% y 0.7% respectivamente.

Weighting

Variable "factor_viv" en la tabla VIVIENDAS.

Variable "factor_hog" en las tablas HOGARES y CONCENTRADO HOGAR.

Questionnaires

Overview

Para la recolección de la información en cada hogar se utilizarán seis instrumentos de captación, en cuatro de los cuales se concentra información del hogar en su conjunto.

Estos son:

- Cuestionario de hogares y vivienda
- Cuestionarios de gastos del hogar
- Cuadernillo de gastos diarios

En los otros tres se registra información individual para personas

- Cuestionario para personas de 12 o más años
- Cuestionario para personas menores de 12 años
- Cuestionario para negocios del hogar

Data Collection

Data Collection Dates

Start	End	Cycle
2014-07-09	2014-08-29	Capacitacin
2014-09-06	2014-11-28	Captura y validacin
2015-04-27	2015-07-06	Explotacin de la base de datos
2015-07-16	2015-07-16	Publicacin de resultados

Time Periods

Start	End	Cycle
2014-08-21		Decenas 1,2,3
2014-09-20		Decenas 4,5,6
2014-10-20		Decenas 7,8,9
2014-11-19		Decena de recuperacin

Data Collection Mode

Entrevista directa con formato de captacin a papel

DATA COLLECTION NOTES

The offices were up to the task and realize operational, where the following processes are performed: Gathering information, monitoring, capture and validation of information

Operative lifting

To meet the requirements of the conceptual framework designed for ENIGH, is programmed data collection in nine surveys, each organized in ten days. The survey was conducted from August 11 to 28 November 2014. It should be noted that there were also two complementary activities. One had verificative 1 to August 8, in which a full test of the uprising took place. The other activity was the implementation of a dozen recovery from 19 to 28 November which served to recover outstanding questionnaires from previous scores.

Activities during the uprising

Each decade consists of ten days, where for each day specific activities were defined for lifting information: the first day of the interview the initial contact with the head of household, housewife or a person over 18 years is established, explaining the objectives of the survey; Information Questionnaire households and housing rises; It is plumbed who the person or persons who made ??purchases of food, beverages and snuff for household consumption as a whole. And this person or persons are trained in filling the booklet daily expenses, and the informant who personally interviewed persons aged 12 or older, asking for the times you can locate them and making appointments to discuss each one. the second day home visit is dedicated to ask about other expenses Questionnaire household expenses, canvassing which household members perform personal expenses or payment of any service or other expenses for the household as a whole . from the third to seventh day of interview, information about all household members in the following order is captured: first information Questionnaire for people 12 or more years and Questionnaire business gets up and asks about the costs this person done personally or home, to make the corresponding record in the questionnaire expenses. If the respondent knows the information of children under 12 years, these interviews are distributed in the remaining days. Every day the information recorded in the booklet daily expenses is reviewed and if there are problems in the registry is plumbed the informant. The seventh day of the decade, after completion of the interviews, the booklet daily expenses is collected, made ??with the informant relevant clarifications and workloads are delivered to the Supervisor. on the eighth day the general meeting with the field teams carried out and doubts of the previous decade are clarified. The Supervisor of the next decade delivers the workload and packages with appropriate materials. The ninth and tenth day are resting.

Procedures for controlling the lifting of the ENIGH 2014

Control Sample

To facilitate control of the sample was assigned to each home a unique identification number nationwide is composed of two sheets the first is the FOLIOVIV consisting of 10 digits and identifying housing, and the second is the FOLIOHOG which is 1 digit and identifies the number of households in housing:

FOLIOVIV

consists of 10 digits two digits with the key of the federal entity, with each area (urban, different to 6 code, rural, code 6), four digits of the serial number of the PSUs (primary sampling unit), a digit of the ten rising and two digits with consecutive number for the selected house.

FOLIOHOG

digit to identify households in housing: is assigned 1 to main home (which initially attended the interview) or when housing only inhabits a home; when several households (additional households) are detected are assigned digits 2 through 5.

The home household 1 is initially interviewed, which is answering the housing section. When in the same house he found more than one household, these other homes were also subject to interview. For them, the number of FOLIOVIV matches FOLIOVIV home initially interviewed, differing in the FOLIOHOG that can be of 1 to 6, depending on the number of households that have been found.

Workloads

Considering the complexity of the information is captured and based on the experience of previous surveys, it was determined that the workload by interviewer out of five dozen interviews and Supervisors had under their supervision to an average of three interviewers.

Data Collectors

Name	Abbreviation	Affiliation
Instituto Nacional de Estadística y Geografía	INEGI	

SUPERVISION

Operational monitoring In order to obtain reliable data during the data collection was carried out effective control of the quality of survey data, which was achieved with good supervision of fieldwork. The fundamental activity Supervisor was that of overseeing and monitoring compliance with the fieldwork within the preset time and ensure the quality of information. Activities during monitoring for the proper performance of supervision it was divided into three parts. direct observation the supervisor accompanied the interviewer for a few days to gather information dozen home, watching the skill and dexterity with which he conducts the interview. Upon completion, the Supervisor must inform the interviewer of the observed errors and identify corrective actions . This activity was carried out during the first decades of the uprising, under a monitoring program established. Verification nonresponse It consisted in trying to recover the greatest possible number of questionnaires submitted no response, performing with informants efficient work of conviction when there was a refusal to provide information; however, when the interview had not been achieved due to an error in the listing, should be checked and reported to the REP, who in turn reported to headquarters to update the frame housing. Review questionnaires Supervisor undertook to ask Interviewers questionnaires to a review of the sections already contain information. On the other hand, during the uprising supervisions of support were made ??by staff from headquarters to reinstruct on issues that were poorly captured in courses taught training, and verify that the activities under the responsibilities of operational staff were met and inquiries and issues during the uprising. Regional Offices also carried out this activity in their respective entities.

Data Processing

Data Editing

Activities catch The catch consisted in carrying out the transfer of information from the questionnaires were fully answered to electronic media through IKTAN, in accordance with the procedures established for the capture process ENIGH 2014. The eighth day of the ten, the Responsible capture Validation along with his team began the capture of the questionnaires raised by each interviewer, organized by packages questionnaires each page resulting in full interview, in the following order established:

- Home package (ENIGH-1).
- Questionnaire households and housing.
- Questionnaires for persons under 12 years.
- Questionnaires for people 12 or older.
- Questionnaires business from home.
- Questionnaire household expenses.
- Booklet expenses daily. in addition, the IKTAN allowed to register and learn about the progress or completion of workloads.

Activities validation parallel to the capture, validation state in which was conducted in two stages began. The first step was to verify the valid pages released capture ranges and in the second stage, in applying validation criteria in order to debug files inconsistencies and omissions, before releasing them and send them to the central office . Integration and validation of the base headquarters capture After the capture step and verifying information, the database is integrated capture. This base was built during the capture process and validation, as the IKTAN deposited validated information directly into the database. Subsequently general validation criteria are applied in order to debug files inconsistencies and gaps between different tables in the database. Alongside this activity a database of results of the interview and the number of household members who had full interview is generated to send to the area of geostatistical frames that is responsible for generating expansion factors, corrected for non answer. Creating database operation and generating tabulations from the resulting database validation process a database of farm containing standardized the quarter information and derived variables agreement is generated targets the survey. Frequencies key and a concentrated control figures are also obtained to ensure error - free file and inconsistencies is found. Comparisons with other sources and previous surveys are conducted the survey. Once this final stage of analyzing information, then it proceeds to generate the tabulations that make up the various publications that generates the ENIGH.

Other Processing

To make the national uprising, the operating field ENIGH used the existing regional infrastructure of each of the entities. According to the allocation of the sample, 34 offices in the 32 states were used. For the organization of the ENIGH -2014 was created in the 34 offices the following operational structure: State Responsible Project (REP) Instructor Supervisor State (ISE) Supervisor (S) Responsible Capture Validation (RCV) Analyst (a) Capturista (CAP) Interviewer (E) Auxiliary administrative (AA)

Data Appraisal

Estimates of Sampling Error

Para la evaluación de los errores de muestreo de las principales estimaciones se usó el método de “Conglomerados Últimos”, basado en que la mayor contribución a la varianza de un estimador, en un diseño polietápico, es la que se presenta entre las unidades primarias de muestreo (UPM), el término “Conglomerados Últimos” se utiliza para denotar el total de unidades en muestra de una unidad primaria de muestreo.